

I&M SET Station Project

Rod Surface Elevation Table Sampling Data Sheet

Benchmark ID: _____ Refuge Name: _____

RSET ID: _____ Date/Time: _____

Pin Reader: _____ Data Recorder: _____

Field Personnel/Organization: _____

Benchmark Photo (Number/Time Stamp): _____

	1	2	3	4	
	<input type="checkbox"/> Level	<input type="checkbox"/> Level	<input type="checkbox"/> Level	<input type="checkbox"/> Level	Is the RSET arm level?
					Direction (Degrees) Declination Adjustment: _____
					Top of concrete to top of PVC cap (mm) Top of concrete to top of SET collar (mm)
Pin Number	<u>Pin Height (mm)</u> <i>Please note any obstructions**</i>				<u>Comments</u>
1					
2					
3					
4					
5					
6					
7					
8					
9					

**Obstruction Codes: Descriptions of codes can be found in the NPS Salt Marsh Elevation Monitoring SOP (SOP1.3.06)

HU = Hummock, H = Hole, D = Depression, CB = Crab Burrow, CH = Chimney, ST = Stem, S = Shell, AP = Animal Print, F = Footprint

Site Condition (site description, weather, water level, disturbance, etc): _____

Benchmark ID: refuge three letter code plus 3 digit site code plus one letter code, i.e., WAW000A

Refuge Name: name of the refuge

RSET Unit ID: identification alpha-numeric listed on RSET arm

Date/Time: MM/DD/YYYY; four digit military time

Pin Reader: name of person measuring

Data Recorder: name of person recording on datasheet

Field Personnel/Organization: name of field crew and respective organization

Benchmark Photo (Number/Time Stamp): picture taken of the RSET benchmark

Level: level the RSET arm before measuring in each direction (four)

Direction: compass direction/bearing in degrees in each direction (four)

Declination Adjustment: Magnetic declination is the difference between true north (the axis around which the earth rotates) and magnetic north (the direction the needle of a compass will point). Go to <http://www.ngdc.noaa.gov/geomag-web/#declination> to lookup the estimated value of magnetic declination for your location, and adjust the compass for this declination.

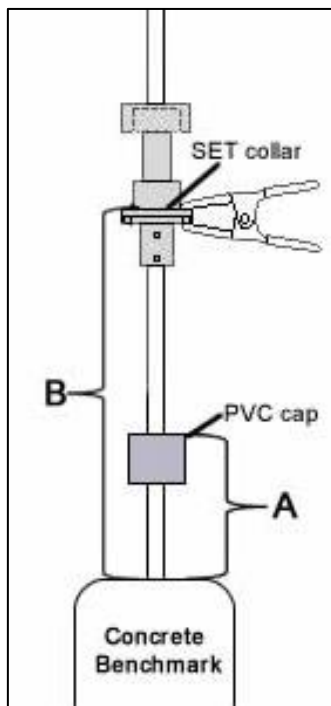
(A) Top of concrete to top of PVC cap (mm): measure the height in mm from the top of concrete to top of PVC cap/receiver. See diagram below for more information.

(B) Top of concrete to top of SET collar (mm): measure the height in mm from the top of concrete to top of SET collar connection. See diagram below for more information.

Pin Height (mm): measure the pin height in millimeters for the nine pins in four directions; include obstruction code for any obstructions observed in this column as well.

Comments: text notes regarding pin measurements

Site Condition: text notes with site description, weather, is water present on the marsh at any time, plot disturbance, etc.



Schematic depicting the (A) top of concrete to top of PVC cap and (B) top of concrete to top of SET collar measurements (in mm).
(Derived from Cahoon et al. 2002)